

# ***FY 1998 Technology Deployment in Environmental Management***

## ***Solutions of the Future at the INEEL***

*Site Technology Coordination Group  
U.S. Department of Energy, Idaho Operations Office*



**INEEL**





## Soft-Sided Containers

**Problem:** The management of low-level waste (LLW) soil and debris requires the use of containers for transport and disposal.

**Baseline Technology:** Wooden or metal boxes are used for the containment of LLW.

**Innovative Technology:** Soft-sided containers (SSC) are used for the containment of LLW. The SSC is a large waste bag made of a woven polypropylene material with integrated nylon lifting straps.

**Comparison:** The SSC will hold more than four times the amount of the conventional wooden or metal waste boxes. The SSC are easier to load in the field and substantially decrease void space thus minimizing future subsidence in the disposal facility.

<b>Savings:</b> Wood or metal containers	\$20–\$25/ft <sup>3</sup> of waste
Soft-sided container	\$4–\$5/ft <sup>3</sup>

Including labor and equipment \$16–\$20/ft<sup>3</sup> is saved.





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LOCKHEED MARTIN



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